

15 Lookup Table Display

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Lookup Table Display

The Lookup Table display allows for interactive use of lookup tables. In the present configurations lookup tables are only used for tidal forecasting. The display allows the user to view the input data for lookup tables and run what-if scenarios on them. Forecast results of these what-if scenarios can be shown in a report.

The results of running the interactive Lookup Table Display will only be available in the display and *not* be saved as a forecast in the Local Data store and Central Database. In case this is required, the what-if scenario should be defined with the What-if Scenario Display and run as a manual forecast.

Parameter	Location	Operation	Change
Tidal Surge Residuals (Simulated)	Sheerness	add	0.000
Tidal Surge Residuals (Simulated)	Dover	add	0.000
Tidal Surge Residuals (Simulated)	Rye	add	0.000
Wind Direction Forecast	Thames Sea Area	add	0.000
Wind Speed Forecast	Thames Sea Area	add	0.000
Wind Direction Forecast	Dover Sea Area	add	0.000
Wind Speed Forecast	Dover Sea Area	add	0.000

Lookup Scenario Id

A workflow can be selected from a drop-down list with pre-configured workflows. Only workflows are available that run lookup tables. The workflows that can be selected are described in the Regional Configuration Documentation.

Forecast Description

A description can be entered to identify the workflow run in the Lookup Table display.

Start time

A start time for the forecast can be entered in the date & time field (yyyy-MM-dd HH:mm). Please note that the length of the forecast is defined in the forecast workflow and can not be set here.

What-if Scenario

The what-if scenario frame displays the *input* series and corresponding locations for the selected workflow. A what-if scenario can be defined by selecting a mathematical operator and a value to be applied to the corresponding input time series for the selected lookup table. The mathematical operator can be selected via a drop-down list in the column *Operator*. The value can be entered in the table *Change*.

Lookup Table Display

Lookup Scenario Id :
Sussex C11 to C12, C401 to C405

Forecast description :
Sussex Region Forecasting What-if Scenario

Start time : (dd-MM-yyyy HH:mm:ss):
16-05-2007 09:45:00

What-if scenario

Parameter	Location	Operation	Change
Tidal Surge Residuals (Simulated)	Newhaven	add	0.000
Total Wave Direction Forecast	South Hastings	add	0.000
Total Wave Height Forecast	South Hastings	subtract	0.000
Total Wave Direction Forecast	South Selsey	multiply	0.000
Total Wave Height Forecast	South Selsey	divide	0.000

equal
timeshift (minutes)
equal to Missing

Report Close Help

Report

By pressing [Report] the workflow is run and the result of a what-if scenario is displayed in an HTML report. The results of the above mentioned example is presented below.

NFFS Southern Region

Coastal Status Report

Forecast area : North Kent Forecasting
Forecast name : North Kent Forecasting What-if Scenario
Forecast time (TD) : 06/05/2004 20:15 GMT
Time of Report : 09/05/2004 20:55 GMT

Location	06/05/2004 01:00	06/05/2004 13:30	07/05/2004 01:45	07/05/2004 14:15	08/05/2004 02:30	08/05/2004 15:00
C1	Flood Warning	Flood Warning	Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C2	Severe Flood Warning	Severe Flood Warning	Severe Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C3	Flood Warning	Flood Warning	Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C4	Flood Warning	Flood Warning	Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C5	Flood Warning	Flood Warning	Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C6	Severe Flood Warning	Severe Flood Warning	Severe Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued
C7	Flood Warning	Flood Warning	Flood Warning	No Warning Issued	No Warning Issued	No Warning Issued

Close

With [Close] the display is closed. Please be aware that no results of the analysis are stored in the database.